

GenCore version 4.5
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OK protein - protein search, using sw model

Run on: January 7, 2002, 15:41:57 : Search time 90.83 Seconds
(without alignments)
11.397 Million cell updates/sec

Title: US-08-569-749-8

Perfect score: 267 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Sequence: 1 LAKAGFYTGCDRVACFACGKSLMWEKONANSEHLRHPKCP 46

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 212252 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :
1: /cgn2_6/pdata2/1aa/5A.COMB.pep.*
2: /cgn2_6/pdata2/1aa/5B.COMB.pep.*
3: /cgn2_6/pdata2/1aa/6A.COMB.pep.*
4: /cgn2_6/pdata2/1aa/6B.COMB.pep.*
5: /cgn2_6/pdata2/1aa/PCBUS.COMB.pep.*
6: /cgn2_6/pdata2/1aa/backlist1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	267	100.0	46	4	US-08-569-749-8
2	267	100.0	46	5	PCT-US96-12860-8
3	267	100.0	46	4	US-08-569-749-4
4	267	100.0	604	5	PCT-US96-12860-4
5	264	98.9	67	2	US-08-511-485-22
6	264	98.9	604	2	US-08-511-485-6
7	264	98.9	604	3	US-09-212-971-6
8	264	98.9	604	4	US-08-800-929A-6
9	264	98.9	604	4	US-09-617-053A-6
10	248	92.9	46	4	US-08-569-749-7
11	248	92.9	46	5	PCT-US96-12860-7
12	248	92.9	46	2	US-08-511-485-23
13	248	92.9	438	5	PCT-US95-05922A-2
14	248	92.9	618	2	US-08-511-485-8
15	248	92.9	618	3	US-09-212-971-8
16	248	92.9	618	4	US-08-800-929A-8
17	248	92.9	618	4	US-08-569-749-8
18	248	92.9	618	4	US-09-617-053A-8
19	248	92.9	618	5	PCT-US96-12860-2
20	247	92.5	612	3	US-09-212-971-14
21	247	92.5	612	4	US-08-800-929A-14
22	247	92.5	612	4	US-08-569-749-14
23	247	92.5	612	4	US-09-617-053A-14
24	247	92.5	612	5	PCT-US96-12860-14
25	235	88.0	600	4	US-09-212-971-12
26	235	88.0	600	4	US-08-800-929A-12
27	235	88.0	600	4	US-09-617-053A-12

ALIGNMENTS

28	182	68.2	68	2	US-08-511-485-21	Sequence 21, Appl
29	182	68.2	497	2	US-08-511-485-4	Sequence 4, Appl1
30	182	68.2	487	3	US-08-212-971-4	Sequence 4, Appl1
31	182	68.2	487	4	US-08-800-929A-4	Sequence 4, Appl1
32	182	68.2	487	4	US-08-511-485-24	Sequence 4, Appl1
33	182	68.2	487	2	US-08-511-485-10	Sequence 10, Appl
34	177	66.3	486	2	US-08-511-485-10	Sequence 10, Appl
35	177	66.3	486	3	US-08-800-929A-10	Sequence 10, Appl
36	177	66.3	486	4	US-08-511-485-10	Sequence 10, Appl
37	177	66.3	486	2	US-08-511-485-15	Sequence 15, Appl
38	145	54.3	67	2	US-09-121-979-4	Sequence 4, Appl1
39	145	54.3	236	4	US-09-132-316-4	Sequence 4, Appl1
40	145	54.3	236	4	US-08-211-485-13	Sequence 13, Appl
41	145	54.3	498	2	US-08-511-485-25	Sequence 25, Appl
42	141	52.8	66	2	US-08-816-134-25	Sequence 25, Appl
43	141	52.8	1131	3	US-08-816-134-25	Sequence 25, Appl
44	141	52.8	1132	3	US-08-816-134-25	Sequence 25, Appl
45	140	52.4	66	2	US-08-511-485-24	Sequence 24, Appl

RESULT 1
US-08-569-749-8
Sequence 8, Application US/08569749
Patent No. 6187557
GENERAL INFORMATION:
APPLICANT: Roche, Mike
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESSES:
ADDRESS: FLEHER, HOEBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569, 749
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Brezner, David J.
REGISTRATION NUMBER: 24,774
REFERENCE/DOCKET INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)398-3249
TELEFAX: (415)398-3249
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 46 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-569-749-8
Query Match 100.0%; Score 267; DB 4; Length 46;
Best Local Similarity 100.0%; Pred. No. 1.7e-28;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 1 LAKAGFYTGCDRVACFACGKSLMWEKONANSEHLRHPKCP 46
DB 1 LAKAGFYTGCDRVACFACGKSLMWEKONANSEHLRHPKCP 46

RESULT 2
PCT-US96-12860-8
Sequence 8, Application PC/TUS9612860
GENERAL INFORMATION:
APPLICANT: TULARIK, INC.
FILING DATE:
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRIGHTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/12860
FILING DATE: 06 AUG 1996
CLASSIFICATION:
PRIORITY APPLICATION DATA:
PRIORITY APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Brezner, David J.
REGISTRATION NUMBER: 24,774
REFERENCE/DOCKET NUMBER: A-62464/DJB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)781-1989
TELEFAX: (415)398-3249
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 46 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US96-12860-8

Query Match 100.0%; Score 267; DB 5; Length 46;
Best Local Similarity 100.0%; Pred. No. 1.7e-28;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LAKAGFYIIGCDRVACFACGCKLSNNEPKDNAMSEHLRHPKCP 46
DB 1 LAKAGFYIIGCDRVACFACGCKLSNNEPKDNAMSEHLRHPKCP 46

RESULT 3
US-08-569-749-4
Sequence 4, Application US/08569749
Patent No. 6187557
GENERAL INFORMATION:
APPLICANT: Roche, Mike
FILING DATE:
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRIGHTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/12860
FILING DATE: 06 AUG 1996
CLASSIFICATION:
PRIORITY APPLICATION DATA:
PRIORITY APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Brezner, David J.
REGISTRATION NUMBER: 24,774
REFERENCE/DOCKET NUMBER: A-62464/DJB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)781-1989
TELEFAX: (415)398-3249
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 604 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US96-12860-4

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569,749
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Brezner, David J.
REGISTRATION NUMBER: 24,774
REFERENCE/DOCKET NUMBER: A-62464/DJB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)781-1989
TELEFAX: (415)398-3249
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 604 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-569-749-4

Query Match 100.0%; Score 267; DB 4; Length 604;
Best Local Similarity 100.0%; Pred. No. 2.9e-27;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LAKAGFYIIGCDRVACFACGCKLSNNEPKDNAMSEHLRHPKCP 46
DB 189 LAKAGFYIIGCDRVACFACGCKLSNNEPKDNAMSEHLRHPKCP 234

RESULT 4
PCT-US96-12860-4
Sequence 4, Application PC/TUS9612860
GENERAL INFORMATION:
APPLICANT: TULARIK, INC.
FILING DATE:
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRIGHTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/12860
FILING DATE: 06 AUG 1996
CLASSIFICATION:
PRIORITY APPLICATION DATA:
PRIORITY APPLICATION NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Brezner, David J.
REGISTRATION NUMBER: 24,774
REFERENCE/DOCKET NUMBER: A-62464/DJB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)781-1989
TELEFAX: (415)398-3249
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 604 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US96-12860-4

Query Match 100.0%; Score 267; DB 5; Length 604;
 Best Local Similarity 100.0%; Pred. No. 2,9e-27;
 Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 LAKAGFYIIGPDVACFACGKLSNMEPKDNAMSEHLRHPKCP 46
 DB 189 LAKAGFYIIGPDVACFACGKLSNMEPKDNAMSEHLRHPKCP 234

RESULT 5

US-08-511-485-22
 Sequence 22, Application US/08511485
 Patent No. 5919912

GENERAL INFORMATION:

APPLICANT: Korneluk, Robert G.
 APPLICANT: Mackenzie, Alexander E.

APPLICANT: Baird, Stephen
 TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,

NUMBER OF INVENTION: PROBES, AND DETECTION METHODS
 NUMBER OF SEQUENCES: 38

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson P.C.

STREET: 225 Franklin Street
 CITY: Boston

STATE: MA
 COUNTRY: USA

ZIP: 02110-2804

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/511,485
 FILING DATE: 04-AUG-1995

CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:

NAME: Clark, Paul T.
 REGISTRATION NUMBER: 30,162

REFERENCE/DOCKET NUMBER: 07540/002001
 TELECOMMUNICATION INFORMATION:

TELEPHONE: 617/542-5070
 TELEFAX: 617/542-8906

TELEX: 200154

INFORMATION FOR SEQ ID NO: 22:

SEQUENCE CHARACTERISTICS:

LENGTH: 67 amino acids
 TYPE: amino acid

STRANDEDNESS: not relevant
 TOPOLOGY: both

MOLECULE TYPE: protein
 US-08-511-485-22

Query Match 98.9%; Score 264; DB 2; Length 67;
 Best Local Similarity 97.8%; Pred. No. 6,3e-28;
 Matches 45; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 LAKAGFYIIGPDVACFACGKLSNMEPKDNAMSEHLRHPKCP 46
 DB 21 LAKAGFYIIGPDVACFACGKLSNMEPKDNAMSEHLRHPKCP 66

RESULT 6

US-08-511-485-6
 Sequence 6, Application US/08511485
 Patent No. 5919912

GENERAL INFORMATION:

APPLICANT: Korneluk, Robert G.
 APPLICANT: Mackenzie, Alexander E.

APPLICANT: Baird, Stephen
 TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,

TITLE OF INVENTION: PROBES, AND DETECTION METHODS
 NUMBER OF SEQUENCES: 38

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson P.C.

STREET: 225 Franklin Street
 CITY: Boston

STATE: MA
 COUNTRY: USA

ZIP: 02110-2804

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/511,485
 FILING DATE: 04-AUG-1995

CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:

NAME: Clark, Paul T.
 REGISTRATION NUMBER: 30,162

REFERENCE/DOCKET NUMBER: 07540/002001
 TELECOMMUNICATION INFORMATION:

TELEPHONE: 617/542-5070
 TELEFAX: 617/542-8906

TELEX: 200154

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 604 amino acids
 TYPE: amino acid

STRANDEDNESS: not relevant
 TOPOLOGY: both

MOLECULE TYPE: protein
 US-08-511-485-6

Query Match 98.9%; Score 264; DB 2; Length 604;
 Best Local Similarity 97.8%; Pred. No. 7,1e-27;
 Matches 45; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 LAKAGFYIIGPDVACFACGKLSNMEPKDNAMSEHLRHPKCP 46
 DB 189 LAKAGFYIIGPDVACFACGKLSNMEPKDNAMSEHLRHPKCP 234

RESULT 7

US-09-212-971-6
 Sequence 6, Application US/09212971B
 Patent No. 6107041

GENERAL INFORMATION:
 APPLICANT: Korneluk, Robert G.

APPLICANT: Mackenzie, Alexander E.
 APPLICANT: Liston, Peter

APPLICANT: Baird, Stephen
 APPLICANT: Tsang, Benjamin K

APPLICANT: Prich, Christine
 TITLE OF INVENTION: DETECTION AND MODULATION OF IAPs AND

TITLE OF INVENTION: NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE
 TITLE OF INVENTION: DISABSE

FILE REFERENCE: 07891/00802
 CURRENT APPLICATION NUMBER: US/09/212,971B

EARLIER FILING DATE: 1998-12-16
 EARLIER FILING DATE: 1996-04-26

EARLIER FILING DATE: 1996-11-14
 EARLIER FILING DATE: 1996-02-13

EARLIER FILING DATE: 1997-02-13
 NUMBER OF SEQ ID NOS: 17

SOFTWARE: PatSeqSD for Windows Version 4.0
 SEQ ID NO 6

LENGTH: 604
 TYPE: PRT

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Page 4

ORGANISM: Homo sapiens
US-09-212-971-6

Query Match	98.98;	Score 264;	DB 3;	Length 604;
Best Local Similarity	97.88;	Pred. NO. 7.1e-27;		
Matches 45; Conservative	1;	Mismatches 0;	Indels 0;	Gaps 0;

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QY      1 LAKAGFYIIGPDRVACFACGGKLSNWEPKDNAMSEHLRHFPCPF 46
      ||:|||||
Db      189 LARAGFYIIGPDRVACFACGGKLSNWEPKDNAMSEHLRHFPCPF 234

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RESULT 8
US-08-800-929A-6
; Sequence 6, Application US/08800929A

TITLE OF INVENTION:	DETECTION AND MODULATION OF
TITLE OF INVENTION:	IAPS AND NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION:	DISEASES

NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS Windows Version 2.0
SOFTWARES INSTALLED FOR WINDOWS
CURRENT RELEASED DATE: 11-1-1997
APPLICATION NUMBER: US/08/800.929A
FILING DATE: 13-FEB-1997
CLASSIFICATION: 424

1 PRIOR APPLICATION DATA: 60/030,590
 2 APPLICATION NUMBER: 60/030,590
 3 FILING DATE: 11 NOV 1996
 4 APPLICATION NUMBER: 10077,354
 5 FILING DATE: 26-APR-1996
 6 ATTORNEY/AGENT INFORMATION:
 7 NAME: Bleker-Brady, Kristina
 8 REGISTRATION NUMBER:
 9 REFERENCE/DOCKET NUMBER: 07891/009001

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US-08-800-929A-6
 MOLECULE TYPE: protein
 Query Match 98.9%; Score 264; DB 4; Length 604;
 Best Local Similarity 97.8%; Pred. No. 7.1e-27;
 Matches 45; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

1. Donnerstag, 11. September 2008 16:00 Rechnungsprüfung Rechnungsprüfung Prüfung 70

Db 189 LARAGFTYIGPDRVACFACGKLSNWEPKDNAMSEHLRHPKCP 234

US-09-617-053A-6
; Sequence 6, Application US/09617053A
; Patent No. 6300492

```

; APPLICANT: Korneluk, Robert G
; APPLICANT: Mackenzie, Alexander E
; APPLICANT: Liston, Peter
; APPLICANT:

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; APPLICANT: Pratt, Christine
; TITLE OF INVENTION: DETECTION AND MODULATION OF IAPs AND
; TITLE OF INVENTION: NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE

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FILE REFERENCE: 07891/008003
CURRENT APPLICATION NUMBER: US/09/617,053A
CURRENT FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: US 08/800,929
PRIOR FILING DATE: 1997-02-13
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 6

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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-617-053A-6

Query Match          98.9%   Score 264; DB 4;   Length 604;
Best Local Similarity 97.8%   Pred. No. 7 le-27;
Matches 45;           1; Mismatches 0;   Indels 0;   Gaps 0;
Conservative

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OY 1 LAKAGFYIIGPQDRVACACCGCKLISNWEKKNMAMSEHLRHPNCPE 46
 11 :
Db 189 IARAGFYIIGPQDRVACACGCKLISNWEKKNMAMSEHLRHPNCPE 234

RESULT 10
 US:08-569-749-7
 : sequence 7, application US/08569749
 : Patent No. 6182552

1 GENERAL INFORMATION:
2 APPLICANT: Rothe, Mike
3 TITLE OF INVENTION: GREGGELL, David V
4 NUMBER OF INVENTORS: 14
5 CORRESPONDENCE ADDRESS:
6 ADDRESSEE: FLEHN, HOMACHI, TEST, ALARITTON & HERBERT
7 STREET: 4 Embarcadero Center, Suite 3400
8 CITY: San Francisco

```

1 STATE: California
2
3 COUNTRY: USA
4
5 COUNTRY: 011
6
7 COMPUTER READABLE FORM:
8
9 MEDIUM TYPE: Floppy disk
10
11 COMPUTER: IBM PC compatible
12
13 OPERATING SYSTEM: PC-DOS/MS-DOS
14
15 SOFTWARE: PatentIn Release #1.0, Version #1.30
16
17 CURRENT APPLICATION DATA:

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TELEFAX: (412) 536-2243
INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:
LENGTH: 46 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-569-749-7

Query Match 92.9%: Score 248; DB 4; Length 46;
Best Local Similarity 91.3%: Pred. No. 5.3e-26;
Matches 42; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 1 LAKAGFYIIGPDVACFACGKLSNWEKDNAMSEHLRHPKCP 46
1 LAKAGFYIIGPDVACFACGKLSNWEKDNAMSEHLRHPKCP 46

RESULT 11

PCT-US96-12860-7

Sequence 7, Application PC/TUS9612860
GENERAL INFORMATION:
APPLICANT: TULARIK, INC.
TITLE OF INVENTION: INHIBITORS OF APOPTOSIS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOHACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/12860
FILING DATE: 06 AUG 1996
CLASSIFICATION:
PRIORITY APPLICATION DATA:
PRIORITY NUMBER: U.S. Serial Nos. 08/512,946 & 08/569,749
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Brezner, David J.
REGISTRATION NUMBER: 24,774
REFERENCE/DOCKET NUMBER: A-62464/DJB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)398-3249
TELEFAX: (415)398-3249
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 46 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US96-12860-7

Query Match 92.9%: Score 248; DB 5; Length 46;
Best Local Similarity 91.3%: Pred. No. 5.3e-26;
Matches 42; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 1 LAKAGFYIIGPDVACFACGKLSNWEKDNAMSEHLRHPKCP 46
1 LAKAGFYIIGPDVACFACGKLSNWEKDNAMSEHLRHPKCP 46

RESULT 12
US-08-511-485-23
Sequence 23, Application US/08511485

Patent No. 5919912
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: Mackenzie, Alexander E.
APPLICANT: Baird, Stephen
TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/511,485
FILING DATE: 04-AUG-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 07540/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 67 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: both
MOLECULE TYPE: protein
US-08-511-485-23

Query Match 92.9%: Score 248; DB 2; Length 67;
Best Local Similarity 91.3%: Pred. No. 8.1e-26;
Matches 42; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 1 LAKAGFYIIGPDVACFACGKLSNWEKDNAMSEHLRHPKCP 46
21 LAKAGFYIIGPDVACFACGKLSNWEKDNAMSEHLRHPKCP 66

RESULT 13

PCT-US95-05922A-2

Sequence 2, Application PC/TUS9505922A
GENERAL INFORMATION:
APPLICANT: HE, ET AL.
TITLE OF INVENTION: Human Inhibitor of Apoptosis Gene 1
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, BAIN, GIFFILLAN,
ADDRESSEE: CECCHI, STEWART & OUSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05922A

FILED DATE: 11 MAY 1995
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: FERRARO, GREGORY D.
REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET NUMBER: 325800-292
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 438 AMINO ACIDS
TYPE: AMINO ACID
STRANDEDNESS:
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
PCT-US95-05922A-2

Query Match 92.9%, Score 248, DB 5, Length 438,
Best Local Similarity 91.3%, Pred. No. 6.4e-25;
Matches 42; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 LAKAGFYTGPDVACFCAGCGKLSNWEKDNAMSEHLRHPKCP 46
DB 24 LARAGFYTGPDVACFCAGCGKLSNWEKDNAMSEHLRHPKCP 69

RESULT 14
US-08-511-485-8
Sequence 8 Application US/08511485
Patent No. 5910912
GENERAL INFORMATION:
APPLICANT: Korneljuk, Robert G.
APPLICANT: Mackenzie, Alexander E.
TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,
NUMBER OF INVENTIONS: 38
TITLE OF INVENTION: PROBS, AND DETECTION METHODS
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/511,485
FILING DATE: 04-AUG-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 07540/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 618 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: protein

US-08-511-485-8

Query Match 92.9%, Score 248, DB 2, Length 618,
Best Local Similarity 91.3%, Pred. No. 9.3e-25;
Matches 42; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 LAKAGFYTGPDVACFCAGCGKLSNWEKDNAMSEHLRHPKCP 46
DB 204 LARAGFYTGPDVACFCAGCGKLSNWEKDNAMSEHLRHPKCP 249

RESULT 15
US-09-212-971-8
Sequence 8 Application US/09212971B
Patent No. 6107041
GENERAL INFORMATION:
APPLICANT: Korneljuk, Robert G.
APPLICANT: Mackenzie, Alexander E.
APPLICANT: Liston, Peter
APPLICANT: Baird, Stephen
APPLICANT: Tsang, Benjamin K
TITLE OF INVENTION: DETECTION AND MODULATION OF IAPs AND
TITLE OF INVENTION: NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: DISEASE
FILE REFERENCE: 07891/009002
CURRENT APPLICATION NUMBER: US/09/212,971B
CURRENT FILING DATE: 1998-12-16
EARLIER APPLICATION NUMBER: 60/017,354
EARLIER FILING DATE: 1996-04-26
EARLIER APPLICATION NUMBER: 60/030,590
EARLIER FILING DATE: 1996-11-14
EARLIER APPLICATION NUMBER: 08/800,929
EARLIER FILING DATE: 1997-02-13
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PASTESQ for Windows Version 4.0
SEQ ID NO 8
TYPE: PRT
ORGANISM: Homo sapiens
US-09-212-971-8

Query Match 92.9%, Score 248, DB 3, Length 618,
Best Local Similarity 91.3%, Pred. No. 9.3e-25;
Matches 42; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 LAKAGFYTGPDVACFCAGCGKLSNWEKDNAMSEHLRHPKCP 46
DB 204 LARAGFYTGPDVACFCAGCGKLSNWEKDNAMSEHLRHPKCP 249

Search completed: January 7, 2002, 15:41:57
Job time: 276 sec

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